

# PATENT ABSTRACTS OF JAPAN

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## (54) MOBILE COMMUNICATION SYSTEM RETURNABLE TO GROUP COMMUNICATION

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To bring a mobile station equipment that has not been brought over to group communication or that has been brought over to the group communication but moved to the outside of the speech zone over to the group communication again in the mobile communication system.

**SOLUTION:** Line control station equipments C1-Cn receiving a request of group communication from mobile station equipments A1-An or extension telephone sets D1-Dn bring the mobile station equipments A1-An over to group communication and generate management tables E1-En where group numbers, a configuration mobile station number group and channels used for group communication are cross-referenced. The line control station equipments C1-Cn inquire of the management tables E1-En about whether or not a group to which a concerned mobile station belongs is in group communication based on an 'in-zone notice', and send 'in-zone notice reception' to the mobile station when the corresponding group is in existence and bring the mobile station over to a channel where group communication is made.

